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|  | App |  |  | Control | No. |
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09/904,600 Examiner

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Michael Rozanski

Applicant(s)/Patent under Reexamination

SCOTT ET AL.

Art Unit

3768

| <b>→</b> | Rejected |
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|--|-----|-----|----------|----------|----------|----------|-----|----------|----------|---|--------|-----|---------------------------------------|----------|--------|---|---|--------|-----|---|--------|----------|-----|-------|-----|----------|
| 102  |     |     | 4/11/07  |          |          |          |     |          |          |   |        |     |                                       | Original |        |   |   |        |     |   |        |          |     | Final |     |          |
| 103   4   4   7   7   104   105   106   106   106   107   108   108   108   109   109   109   109   109   109   109   109   101   11   1   |     |     |          |          |          |          |     |          |          |   |        |     |                                       |          |        |   |   | $\Box$ |     |   |        |          |     |       |     |          |
| 4   \( \)  |     | 2   | 1        |          |          |          |     |          |          |   |        |     |                                       |          |        |   |   |        |     |   |        | _        | Į   |       |     |          |
| 104   105   106   106   107   107   108   108   108   109  |     | 3   | 1        |          |          |          |     |          |          |   |        |     |                                       |          |        |   |   |        |     |   |        |          |     |       |     |          |
| 6         √           7         √           8         √           9         √           10         √           60         107           11         √           11         √           61         111           112         √           13         √           63         111           15         √           66         115           16         √           66         115           16         √           66         115           116         √           67         117           18         √           68         115           118         119           20         70           70         120           21         71           22         72           23         73           24         74           25         75           26         76           27         78           28         79           30         80           311         8   |     |     | 1        |          |          |          |     |          |          |   |        |     |                                       |          |        |   |   |        |     |   |        |          |     |       |     |          |
| Section   Sect |     | 5   | 1        |          |          |          |     |          |          |   |        |     |                                       | 55       |        |   |   | [      |     |   |        |          |     |       |     |          |
| 10   |     |     | 1        |          |          |          |     |          |          |   |        |     |                                       | 56       | $\neg$ |   |   |        |     |   |        |          |     |       |     |          |
| 10    10    10    110    110    110    110    110    110    111 |     |     | 1        |          |          |          |     |          |          |   |        |     |                                       |          |        |   |   |        |     |   |        |          |     |       |     |          |
| 9    V   |     | 8   | 1        |          |          |          |     |          |          |   |        |     |                                       | 58       |        |   |   |        |     |   |        |          | - [ |       |     |          |
| 11    V  |     |     | V        |          |          |          |     |          |          |   |        |     |                                       | 59       |        |   |   |        |     |   |        |          |     |       |     |          |
| 11   |     | 10  | 1        |          |          |          |     |          |          |   |        |     |                                       | 60       |        |   |   |        |     |   |        |          |     |       |     |          |
| 13   V   |     |     | 1        |          |          |          |     |          |          |   |        |     |                                       |          |        |   |   |        |     |   |        |          |     |       |     |          |
| 13   V   |     | 12  | 1        |          |          |          |     |          |          |   |        |     |                                       | 62       |        |   |   |        |     |   |        |          |     |       |     |          |
| 15   V   |     |     | 1        |          |          |          |     |          | Г        |   |        |     |                                       |          |        |   |   |        |     |   |        |          |     |       |     |          |
| 15   V   |     | 14  | •        |          |          |          |     |          |          |   |        |     |                                       |          |        |   |   |        |     |   |        |          |     |       |     |          |
| 16   V   |     |     | V        |          |          |          |     |          |          |   |        | il  |                                       |          |        |   |   |        |     |   |        |          |     |       |     | <u></u>  |
| 17   V   18   V   68   118   118   119   120   120   120   121   122   |     |     | 1        |          |          |          | Г   | Г        |          |   |        |     |                                       | 66       |        |   |   |        |     |   |        |          |     |       |     |          |
| 18       \       19       118       119         19       0       0       120       120       121         20       1       70       120       121       121       122       123       122       123       122       123       122       123       124       124       124       124       125       125       126       127       125       126       127       127       125       126       127       127       128       128       128       128       128       129       130       130       131       130       131       130       131       130       131       133   |     |     | 1        |          |          |          |     | Γ        | Г        |   |        | 1   |                                       |          |        |   |   |        |     |   |        |          |     |       |     |          |
| 19       69       119         20       70       120         21       71       121         22       72       122         23       74       124         25       75       125         26       76       126         27       77       127         28       77       128         29       79       129         30       80       130         81       131         32       83       133         33       84       134         35       85       135         36       85       135         36       86       136         37       88       138         38       88       139         40       90       140         41       91       141         42       93       142         93       143         44       94       144         45       96       146         47       98       148         99       149       144         48       99       149 <td></td> <td></td> <td>1</td> <td></td> <td>Г</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>68</td> <td></td>   |     |     | 1        |          | Г        |          |     |          |          |   |        |     |                                       | 68       |        |   |   |        |     |   |        |          |     |       |     |          |
| 20       120         21       71         22       121         72       123         23       73         24       123         25       125         26       76         27       127         28       78         29       78         30       80         31       81         82       130         83       133         34       84         35       83         36       86         37       88         38       133         36       86         37       88         38       136         37       88         39       88         40       90         41       91         42       92         43       94         44       94         45       96         47       98         98       148         48       99   |     |     |          |          |          |          |     |          |          |   |        | i l |                                       | 69       |        |   |   |        |     |   |        |          |     |       |     |          |
| 21       22       71       121       122         23       73       123       123         24       74       124       125         25       75       125       126         27       77       128       127         28       77       128       129         30       80       130       130         31       81       131       132         32       83       133       132         33       84       132       133         34       84       134       134         35       86       86       136         37       88       138       138         39       88       138       139         40       90       140       141         41       91       142       142         43       94       144       144         45       96       146       147         46       97       97       148       148         49       99       149       149   |     |     | Π        |          |          |          |     |          |          |   |        | 1 1 |                                       | 70       |        |   |   |        |     |   |        |          |     |       |     |          |
| 22         3         122         123         124         123         124         124         125         126         126         126         126         126         127         126         127         127         128         129         129         129         129         130         130         130         131         131         131         131         131         132         132         133         133         133         133         133         133         133         133         133         134         134         135         136         136         137         137         137         137         137         138         138         138         139         140         141         141         141         141         141         141         141         142         142         142         142         142         143         144         144         144         145         146         146         146         146         147         147         147         147         147         147         148         149         149         149         149         149         149         149         149         149         149         149         149   |     |     | T        |          |          |          |     |          |          |   |        |     |                                       |          |        |   |   |        |     |   |        |          |     |       |     |          |
| 23         73         123           24         75         124           25         76         125           26         77         127           28         77         128           29         79         129           30         81         130           31         82         133           33         82         83           33         133         134           34         84         134           35         86         135           36         86         136           37         88         138           39         88         138           39         90         140           41         91         141           42         92         142           43         94         144           44         95         145           46         96         146           47         97         147           48         98         148           49         144         145           48         99         149   |     |     | ⇈        |          |          |          |     |          |          |   | Г      |     |                                       | 72       |        |   |   |        |     |   |        |          |     |       |     |          |
| 24         74         124           25         76         125           26         77         127           27         78         128           29         79         129           30         80         130           31         81         131           32         83         132           33         83         133           34         84         134           35         85         135           36         86         136           37         88         139           40         90         140           41         91         141           42         92         142           43         94         144           45         96         146           47         97         147           48         98         148           49         99         149  |     |     | Т        | _        |          |          |     |          |          | Г |        | 1   |                                       | 73       |        |   |   |        |     |   |        |          |     |       |     |          |
| 25         76         125           26         77         128           27         78         128           29         129         129           30         80         130           31         81         131           32         82         132           33         84         134           35         86         135           36         87         137           38         88         138           39         88         138           40         90         140           41         91         141           42         93         143           44         94         144           45         96         145           46         96         146           47         97         147           48         99         149   |     |     | T        |          |          | Г        | _   |          |          |   |        | 1   |                                       | 74       |        |   |   |        |     |   |        |          |     |       |     |          |
| 26       76       126         27       77       128         29       78       129         30       80       129         30       80       130         31       81       131         32       82       132         33       83       133         34       84       134         35       86       136         37       88       137         38       88       133         39       88       133         40       90       140         41       91       140         41       91       142         43       93       143         44       94       94       144         44       95       145         46       96       146         47       97       148         49       99       149   |     |     |          |          |          |          |     |          |          |   |        |     |                                       | 75       |        |   |   |        |     |   |        |          |     |       |     |          |
| 27       28       77       127         28       78       128         29       80       130         31       81       131         32       82       132         33       83       133         34       84       134         35       86       136         36       86       136         37       87       137         38       88       138         39       90       140         41       91       140         41       91       142         43       94       144         44       94       94         46       96       146         47       97       148         49       99       149  |     |     | Т        | _        |          |          |     |          | ⇈        |   | Г      |     |                                       | 76       |        |   |   |        |     |   |        |          |     |       |     |          |
| 28       78       128         29       30       80       130         31       81       131         32       82       132         33       83       133         34       84       134         35       85       135         36       86       136         37       87       137         38       88       138         39       89       139         40       90       140         41       91       141         42       92       142         43       94       144         44       94       144         45       96       146         47       97       147         48       98       148         49       99       149   |     | 27  |          |          |          |          |     |          |          |   |        |     |                                       | 77       |        |   |   |        |     |   |        |          |     |       |     |          |
| 29       79       129         30       80       130         31       81       131         32       83       132         33       84       134         35       85       135         36       86       136         37       87       137         38       88       138         39       88       138         40       90       140         41       91       144         42       92       142         43       93       143         44       94       144         45       96       146         47       97       148         49       99       148  |     |     | T        | Ħ        | Г        |          |     |          | ١.       |   |        | 1   | , , , , , , , , , , , , , , , , , , , | 78       |        |   |   |        |     |   |        |          |     |       |     |          |
| 30       80       130         31       81       131         32       82       132         33       83       133         34       84       134         35       85       135         36       86       136         37       87       137         38       88       138         39       90       140         41       91       144         42       92       142         43       93       143         44       94       144         45       95       145         46       96       146         47       97       148         49       99       148  |     |     | $\vdash$ |          |          |          |     |          | Г        |   |        | Ì   |                                       | 79       |        |   |   |        |     |   |        |          |     |       |     |          |
| 31       81       131         32       82       132         33       83       133         34       84       134         35       85       135         36       86       136         37       87       137         38       88       138         39       88       139         40       90       140         41       91       144         42       92       142         43       93       143         44       94       144         45       96       146         47       97       147         48       99       149  |     |     | T        |          | Г        |          |     |          |          |   |        | 1   |                                       | 80       |        |   |   |        |     |   |        |          | 1   |       |     |          |
| 32       82       132         33       133       133         34       84       134         35       85       135         36       86       136         37       87       137         38       88       138         39       88       138         40       90       140         41       91       141         42       92       142         43       93       143         44       94       144         45       96       146         47       97       147         48       98       149   |     |     | $\vdash$ |          | Т        |          | Г   | Г        |          |   |        | 1   |                                       | 81       |        |   |   |        |     |   |        |          |     |       |     |          |
| 33       34       35       36       35       36       37       38       38       38       39       38       39       38       39       39       38       39 <td< td=""><td></td><td></td><td>T</td><td>Г</td><td></td><td></td><td></td><td>Г</td><td>⇈</td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>   |     |     | T        | Г        |          |          |     | Г        | ⇈        |   |        | 1   |                                       |          |        |   |   |        |     |   |        |          |     |       |     |          |
| 34       84       134         35       85       135         36       86       136         37       87       137         38       88       138         39       88       139         40       90       140         41       91       141         42       92       142         43       93       143         44       94       144         45       95       145         46       96       146         47       97       147         48       98       149  |     |     | $\top$   | T        | Ħ        |          |     |          |          | T |        | ĺ   |                                       | 83       |        |   |   |        |     |   |        |          |     |       | 133 |          |
| 35       36         36       37         38       87         39       88         40       90         41       91         42       92         43       93         44       94         45       95         46       96         47       97         48       99         49       149   |     |     | 1        | 1        |          | Г        | Г   |          | Т        |   |        | 1   |                                       | 84       |        |   |   |        |     |   |        |          | ]   |       |     |          |
| 36       86       136         37       87       137         38       88       138         39       90       140         41       91       141         42       92       142         43       93       143         44       94       144         45       95       145         46       96       146         47       97       147         48       99       149  |     |     |          |          |          | $\vdash$ | 1   |          |          |   |        | 1   |                                       | 85       |        |   |   |        |     |   |        |          |     |       |     |          |
| 37     87       38     88       39     90       40     91       41     91       42     92       43     93       44     94       45     95       46     96       47     97       48     99       49     149   |     |     | T        | Г        |          |          |     |          |          | Г |        | 1   |                                       | 86       |        |   |   |        |     |   |        |          |     |       |     |          |
| 38       39         40       90         41       91         42       92         43       93         44       94         45       95         46       96         47       97         48       99         49       149   |     |     | Г        |          |          |          | Π   |          |          | Π |        | 1   |                                       | 87       |        |   |   |        |     |   |        |          |     |       |     |          |
| 39       89       139         40       90       140         41       91       141         42       92       142         43       93       143         44       94       144         45       95       145         46       96       146         47       97       147         48       98       148         49       99       149  |     |     | $\top$   | T        |          |          |     |          |          |   |        | 1   |                                       | 88       |        |   |   |        |     |   |        |          | ]   |       |     | L        |
| 40     90       41     91       42     92       43     93       44     94       45     95       46     96       47     97       48     98       49     149   |     |     | Т        | Т        | T        |          | Г   |          | 1        |   | Г      | 1   |                                       | 89       |        | П | Г |        |     |   |        |          |     |       |     | <u>L</u> |
| 41     91     141       42     92     142       43     93     143       44     94     144       45     95     145       46     96     146       47     97     147       48     98     148       49     99     149  |     |     | T        | Т        |          |          | Г   | Г        | Π        |   |        | 1   |                                       | 90       |        |   |   |        |     |   |        |          | ]   |       |     |          |
| 42     92       43     93       44     94       45     95       46     96       47     97       48     98       49     99  |     |     | $\vdash$ | Т        |          |          |     | 1        | Τ        |   |        | 1   |                                       | 91       |        |   | Γ |        | Г   |   |        |          | ]   | Ĺ.    |     |          |
| 43     93       44     94       45     95       46     96       47     97       48     98       49     99  |     |     |          | İ        |          |          |     | Τ        | $\vdash$ |   |        | 1   |                                       | 92       |        |   |   |        |     |   |        |          | ]   |       |     |          |
| 44     94     144       45     95     145       46     96     146       47     97     147       48     98     148       49     99     149  |     |     |          |          | T        | Π        | Т   | Π        |          | Π |        | 1   |                                       |          |        |   |   |        |     |   | $\Box$ |          | ]   |       |     |          |
| 45     95       46     96       47     97       48     98       49     99  |     |     | $\top$   | T        | $\vdash$ | t        | Г   | $\vdash$ |          | T | 1      | 1   |                                       |          | Г      |   |   |        |     |   |        |          |     |       |     | 匚        |
| 46     96       47     97       48     98       49     99  |     |     | T        | T        |          | Г        | Т   | Τ        | T        | 1 | Π      | 1   | -                                     |          |        |   | L |        |     |   |        | $L^-$    |     |       |     |          |
| 47     97     147       48     98     148       49     99     149  |     |     | 十        | $\vdash$ | $\vdash$ | Π        | 1   | Т        | 1        | Π | $\top$ | 1   | -                                     |          |        |   |   |        | L   |   |        |          | ]   |       |     |          |
| 48     98       49     148       149     149   |     |     | 1        | 1        | T        | П        | T   | 1        |          | 1 | Π      | 1   |                                       | 97       |        |   |   |        |     |   |        |          | ]   |       |     |          |
| 49 99 149  |     |     | Т        | T        | T        | Ť :      | Τ   | T        | T        |   | Т      | 1   |                                       |          |        |   |   |        |     |   |        | $\Gamma$ | ]   |       | 148 | $\Box$   |
|  |     |     | 1        | 1        | t        | T        | 1   | 1        | T        | Τ | Τ      | 1   |                                       | 99       |        |   |   |        |     |   |        |          | ]   |       | 149 |          |
|  |     | 50  | 1        | 1        | 1        |          | Т   | 1        | 1        | Π | Т      | 1   |                                       |          |        |   |   |        | Γ   | 匚 |        |          | ]   |       | 150 |          |

| Cla   | aim  |   |   |   | _ | Date   | <del>,</del> |   |        | $\neg$      |
|-------|--|---|---|---|---|--------|--------------|---|--------|-------------|
|       |  | П |   |   |   |        |              |   |        |             |
| Final | Original   |   |   |   |   |        |              |   |        |             |
| ᇤ     | rig  |   |   |   |   |        |              |   |        |             |
|       |  |   |   |   |   |        |              |   | ]      |             |
|       | 101<br>102<br>103                                    |   |   |   |   |        |              |   |        |             |
|       | 102  |   |   |   |   |        |              |   |        |             |
|       | 103  |   |   |   |   |        |              |   |        |             |
|       | 104  |   |   |   |   |        |              |   |        | П           |
|       | 104<br>105   |   |   |   |   |        |              |   |        |             |
|       | 106  |   |   |   |   |        |              |   |        |             |
|       | 107  |   |   |   |   |        |              |   |        |             |
|       | 108  |   |   |   |   |        |              |   |        |             |
|       | 109<br>110   |   |   |   |   |        |              |   |        |             |
|       | 110  |   |   |   |   |        |              |   |        |             |
|       | 1111   |   |   |   |   |        |              |   |        |             |
|       | 112  |   |   |   |   |        |              |   |        |             |
| _     | 112<br>113<br>114<br>115                             |   |   |   |   |        |              |   |        |             |
|       | 114  |   |   |   |   | П      |              |   |        |             |
|       | 115  |   |   |   |   |        |              |   |        |             |
|       | 116  |   |   |   |   | Г      |              |   |        |             |
|       | 117<br>118   |   |   |   |   |        |              |   |        |             |
|       | 118  |   |   |   |   | Г      |              |   |        |             |
|       | 1119   |   |   |   |   |        |              |   |        |             |
|       | 120  |   |   |   |   | ·      |              |   |        |             |
|       | 121  |   |   |   |   |        |              |   |        |             |
|       | 122  |   |   | Г |   | T      |              |   |        |             |
|       | 123  |   |   |   |   |        |              |   |        |             |
|       | 120<br>121<br>122<br>123<br>124<br>125<br>126<br>127 |   |   | Г |   |        |              |   |        |             |
|       | 125  | Г |   |   |   |        |              |   |        |             |
|       | 126  |   |   | Г |   |        | -            |   |        |             |
|       | 127  |   |   | Г | Г |        |              |   |        |             |
|       | 128  | Г |   |   |   | Г      |              |   |        |             |
|       | 129  | Г |   | 1 | Г |        | T            |   |        | П           |
|       | 128<br>129<br>130                                    | 1 | Г | 1 | Г |        |              |   | Г      |             |
|       | 131<br>132   |   | Г |   |   | П      |              |   |        |             |
|       | 132  |   |   | Γ |   | Г      |              |   | Π      |             |
|       | 133  | Г |   | Γ |   | 1      |              |   | Г      | П           |
|       | 133<br>134   |   | Π | 1 | Π |        | Γ.           |   |        |             |
|       | 135  |   |   |   |   | Т      | Γ            |   |        |             |
|       | 136<br>137<br>138                                    | Г |   | 1 | 1 | Т      |              |   |        |             |
|       | 137  | T | Γ | Г | Г | Т      |              |   | Г      | Γ           |
|       | 138  |   | П |   | Г |        | Π            | Γ | П      |             |
|       | 139  |   | Π | П | Г |        | Г            |   |        |             |
|       | 140  | Г | Γ | П |   | П      | П            |   |        |             |
|       | 141  |   | Г | Т | Г | Г      | Г            |   |        |             |
|       | 142  |   |   |   | Π |        |              |   | $\Box$ |             |
|       | 143  |   | Г | 1 |   | $\top$ |              | Π |        |             |
|       | 144  | 1 | 1 |   | Γ | T      | П            |   | $\Box$ | Г           |
|       | 145  | 1 | I | 1 | Т | T      |              |   | Г      | Г           |
|       | 146  | T | T | Τ | T | $\top$ | 1            | Γ | Π      | Γ           |
|       | 147  | 1 | 1 | Т | Г | 1      | 1            |   | П      |             |
|       | 148  | T | 1 | t | 1 | $\top$ | $\vdash$     |   | T      | Т           |
|       | 149  | t | 1 | T | T | T      |              | 1 | Π      | Т           |
|       | 150  | 1 | 1 | T | 1 | 1      | T            |   | T      | T           |
| ш     | ,  | 1 | ٠ |   | _ |        |              | _ |        | <del></del> |